

Title (en)  
SUSPENSION CULTURE VESSELS

Title (de)  
SUSPENSIONSKULTURGEFÄSSE

Title (fr)  
FLACON POUR CULTURE EN SUSPENSION

Publication  
**EP 1891205 A4 20120606 (EN)**

Application  
**EP 06772571 A 20060608**

Priority

- US 2006022312 W 20060608
- US 69058705 P 20050615

Abstract (en)  
[origin: US2008199958A1] A cell culture vessel comprising a housing chamber which has an inverted frusto-conical bottom having a vertical axis. The culture vessel further comprises an upper and lower section which are concentric. The vessel requires little or no shear-force and less stress by shaking or impellor action.

IPC 8 full level  
**C12N 5/00** (2006.01); **C12M 1/24** (2006.01); **C12N 5/02** (2006.01)

CPC (source: EP US)  
**C12M 23/08** (2013.01 - EP US); **C12M 27/16** (2013.01 - EP US)

Citation (search report)

- [XII] US 4665035 A 19870512 - TUNAC JOSEPHINO [US]
- [XII] EP 0752470 A2 19970108 - HOECHST AG [DE]
- [XII] WO 9827195 A1 19980625 - BOEHRINGER MANNHEIM GMBH [DE], et al
- [XII] DATABASE WPI Week 197914, Derwent World Patents Index; AN 1979-27030B, XP002672046
- See references of WO 2006138143A1

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CN115369091A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2008199958 A1 20080821**; DK 1891205 T3 20180319; EP 1891205 A1 20080227; EP 1891205 A4 20120606; EP 1891205 B1 20171227; ES 2662589 T3 20180409; JP 2008543307 A 20081204

DOCDB simple family (application)  
**US 91670706 A 20060608**; DK 06772571 T 20060608; EP 06772571 A 20060608; ES 06772571 T 20060608; JP 2008516944 A 20060608